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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/991,548

DATE: 04/25/2002

TIME: 12:32:49

Input Set : A:\213542000101.txt

Output Set: N:\CRF3\04252002\I991548.raw

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4 <110> APPLICANT: OLSSON, Lennart
5   NARANDA, Tatjana
7 <120> TITLE OF INVENTION: RECEPTOR DERIVED PEPTIDES AS MODULATORS
8   OF RECEPTOR ACTIVITY
10 <130> FILE REFERENCE: 213542000101
12 <140> CURRENT APPLICATION NUMBER: 09/991,548
13 <141> CURRENT FILING DATE: 2001-11-20
15 <150> PRIOR APPLICATION NUMBER: 09/028,937
16 <151> PRIOR FILING DATE: 1998-02-24
18 <150> PRIOR APPLICATION NUMBER: 08/788,820
19 <151> PRIOR FILING DATE: 1997-01-23
21 <150> PRIOR APPLICATION NUMBER: 08/701,382
22 <151> PRIOR FILING DATE: 1996-08-22
24 <150> PRIOR APPLICATION NUMBER: 08/612,999
25 <151> PRIOR FILING DATE: 1996-03-08
27 <160> NUMBER OF SEQ ID NOS: 44
29 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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32 <211> LENGTH: 23
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: MHC sequence
39 <400> SEQUENCE: 1
40 Glu Arg Glu Thr Gln Ile Ala Lys Gly Asn Glu Gln Ser Phe Arg Val
41 1           5           10           15
42 Asp Leu Arg Thr Leu Leu Arg
43           20
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46 <211> LENGTH: 23
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: human glucose transporter
54 <400> SEQUENCE: 2
55 Thr Trp Leu Gly Arg Gln Gly Pro Glu Gly Pro Ser Ser Ile Pro Pro
56 1           5           10           15
57 Gly Thr Leu Thr Thr Leu Trp
58           20
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 24
62 <212> TYPE: PRT
63 <213> ORGANISM: Artificial Sequence

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65 <220> FEATURE:

66 <223> OTHER INFORMATION: human insulin receptor

68 <400> SEQUENCE: 3

69 Lys Thr Asp Ser Gln Ile Leu Lys Glu Leu Glu Glu Ser Ser Phe Arg

70 1 5 10 15

71 Lys Thr Phe Glu Asp Tyr Leu His

72 20

74 <210> SEQ ID NO: 4

75 <211> LENGTH: 25

76 <212> TYPE: PRT

77 <213> ORGANISM: Artificial Sequence

79 <220> FEATURE:

80 <223> OTHER INFORMATION: human LDL receptor

83 <400> SEQUENCE: 4

84 Glu Ala Glu Ala Ala Val Ala Thr Gln Glu Thr Ser Thr Val Arg Leu

85 1 5 10 15

86 Lys Val Ser Ser Thr Ala Val Arg Thr

87 20 25

89 <210> SEQ ID NO: 5

90 <211> LENGTH: 24

91 <212> TYPE: PRT

92 <213> ORGANISM: Artificial Sequence

94 <220> FEATURE:

95 <223> OTHER INFORMATION: human insulin like growth factor receptor

97 <400> SEQUENCE: 5

98 Lys Thr Glu Ala Glu Lys Gln Ala Glu Lys Glu Glu Ala Glu Tyr Arg

99 1 5 10 15

100 Lys Val Phe Glu Asn Phe Leu His

101 20

103 <210> SEQ ID NO: 6

104 <211> LENGTH: 23

105 <212> TYPE: PRT

106 <213> ORGANISM: Artificial Sequence

108 <220> FEATURE:

109 <223> OTHER INFORMATION: human leptin receptor

112 <400> SEQUENCE: 6

113 Lys Lys Glu Asn Lys Ile Val Pro Ser Lys Glu Ile Val Trp Trp Met

114 1 5 10 15

115 Asn Leu Ala Glu Lys Ile Pro

116 20

118 <210> SEQ ID NO: 7

119 <211> LENGTH: 25

120 <212> TYPE: PRT

121 <213> ORGANISM: Artificial Sequence

123 <220> FEATURE:

124 <223> OTHER INFORMATION: human GCSF receptor

127 <400> SEQUENCE: 7

128 Glu Lys Lys Pro Val Pro Trp Glu Ser His Asn Ser Ser Glu Thr Cys

129 1 5 10 15

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130 Gly Leu Pro Thr Leu Val Gln Thr Tyr
131      20      25
133 <210> SEQ ID NO: 8
134 <211> LENGTH: 23
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: human epidermal growth factor receptor
141 <400> SEQUENCE: 8
142 Gly Pro His Cys Val Lys Thr Cys Pro Ala Gly Val Met Gly Glu Asn
143  1      5      10      15
144 Asn Thr Leu Val Trp Lys Tyr
145      20
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 28
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: human growth factor receptor
156 <400> SEQUENCE: 9
157 Glu Tyr Glu Leu Gln Tyr Lys Glu Val Asn Glu Thr Lys Trp Lys Met
158  1      5      10      15
159 Met Asp Pro Ile Leu Thr Thr Ser Val Pro Val Tyr
160      20      25
162 <210> SEQ ID NO: 10
163 <211> LENGTH: 23
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: human thrombopoietin receptor
170 <400> SEQUENCE: 10
171 Ala Arg Gly Gly Thr Leu Glu Leu Arg Pro Arg Ser Arg Tyr Arg Leu
172  1      5      10      15
173 Gln Leu Arg Ala Arg Leu Asn
174      20
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 23
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: human erythropoietin receptor
184 <400> SEQUENCE: 11
185 Gln Arg Val Glu Ile Leu Glu Gly Arg Thr Glu Cys Val Leu Ser Asn
186  1      5      10      15
187 Leu Arg Gly Arg Thr Arg Tyr
188      20
190 <210> SEQ ID NO: 12
191 <211> LENGTH: 24
192 <212> TYPE: PRT

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193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: interleukin-2 receptor alpha chain
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200 1 5 10 15
201 His Cys Arg Glu Pro Pro Pro Trp
202 20
204 <210> SEQ ID NO: 13
205 <211> LENGTH: 21
206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: IL-2 receptor beta chain
212 <400> SEQUENCE: 13
213 Asp Pro Asp Glu Gly Val Ala Gly Ala Pro Thr Gly Ser Ser Pro Gln
214 1 5 10 15
215 Pro Leu Gln Pro Leu
216 20
218 <210> SEQ ID NO: 14
219 <211> LENGTH: 22
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: interleukin-3 receptor
226 <400> SEQUENCE: 14
227 Gln Glu Glu Gly Ala Asn Thr Arg Ala Trp Arg Thr Ser Leu Leu Ile
228 1 5 10 15
229 Ala Leu Gly Thr Leu Leu
230 20
232 <210> SEQ ID NO: 15
233 <211> LENGTH: 28
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: interleukin-4 receptor
240 <400> SEQUENCE: 15
241 Glu Pro Ser Leu Arg Ile Ala Ala Ser Thr Leu Lys Ser Gln Ile Ser
242 1 5 10 15
243 Tyr Arg Ala Arg Val Arg Ala Trp Ala Gln Cys Tyr
244 20 25
246 <210> SEQ ID NO: 16
247 <211> LENGTH: 28
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: interleukin-5 receptor
254 <400> SEQUENCE: 16
255 Asp Tyr Glu Thr Arg Ile Thr Glu Ser Lys Cys Val Thr Ile Leu His

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256 1          5          10          15
257 Lys Gly Phe Ser Ala Ser Val Arg Thr Ile Leu Gln
258          20          25
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261 <211> LENGTH: 20
262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: interleukin-6 receptor
268 <400> SEQUENCE: 17
269 Pro Ala Gln Glu Val Ala Arg Gly Val Leu Thr Ser Leu Pro Gly Asp
270 1          5          10          15
271 Ser Val Thr Leu
272          20
274 <210> SEQ ID NO: 18
275 <211> LENGTH: 26
276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: interleukin-7
282 <400> SEQUENCE: 18
283 Gly Lys Ser Asn Ile Cys Val Lys Val Gly Glu Lys Ser Leu Thr Cys
284 1          5          10          15
285 Lys Lys Ile Asp Leu Thr Thr Ile Val Lys
286          20          25
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 21
290 <212> TYPE: PRT
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: interleukin-8 receptor-B
296 <400> SEQUENCE: 19
297 Glu Asp Met Gly Asn Asn Thr Ala Asn Trp Arg Met Leu Leu Arg Ile
298 1          5          10          15
299 Leu Pro Gln Ser Phe
300          20
302 <210> SEQ ID NO: 20
303 <211> LENGTH: 21
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: interleukin-8 receptor-A
310 <400> SEQUENCE: 20
311 Glu Val Leu Gly Asn Asp Thr Ala Lys Trp Arg Met Val Leu Arg Ile
312 1          5          10          15
313 Leu Pro His Thr Phe
314          20
316 <210> SEQ ID NO: 21
317 <211> LENGTH: 19

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/991,548

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